

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Errors
1	BR S	2736	(gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)	USPAT	2004/01/05 12:29		0
2	BR S	235564	circulat\$4	USPAT	2002/08/27 17:51		0
3	BR S	2302	((diffract\$5 near3 grat\$3) same ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4)	USPAT	2002/08/27 18:36		0
4	BR S	68844	liquid near1 crystal\$1	USPAT	2002/08/27 18:02		0
5	BR S	8704	(mirror micromirror mirror micro-mirror) same (reflect\$3 adj5 back)	USPAT	2002/08/27 18:07		0
6	BR S	0	((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3) same ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4)) and (liquid near1 crystal\$1) and ((mirror micromirror mirror micro-mirror) same (reflect\$3 adj5 back))	USPAT	2002/08/27 18:08		0
7	BR S	69915	(mirror micromirror mirror micro-mirror) same (reflect\$3)	USPAT	2002/08/27 18:25		0
8	BR S	0	((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3) same ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4)) and (liquid near1 crystal\$1) and ((mirror micromirror mirror micro-mirror) same (reflect\$3))	USPAT	2002/08/27 18:08		0
9	BR S	10031	(diffract\$5 near3 grat\$3)	USPAT	2002/08/27 18:09		0
10	BR S	11	((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3))	USPAT	2002/08/27 18:11		0
11	BR S	3	((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3)) and ((mirror micromirror mirror micro-mirror) same (reflect\$3))	USPAT	2002/08/28 15:54		0
12	BR S	11	((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3)) and (mirror micromirror mirror micro-mirror reflect\$3)	USPAT	2002/08/28 10:47		0
13	BR S	2	((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3) same ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4))	USPAT	2002/08/27 18:37		0
14	BR S	11	((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3))	USPAT	2002/08/27 18:45		0

	Typ	Hits	Search Text	DBs	Time Stamp	Com men ts	Er ro r De fi ni ti on	Er ro rs
15	BR S	1	((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3)) and (mirror micromirror mirror micro-mirror reflect\$3)) and (liquid near1 crystal\$1)	USPAT	2002/08/27 18:40			0
16	BR S	12	((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and (((diffract\$5 near3 grat\$3) same ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4))) ((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3))	USPAT	2003/06/20 17:53			0
17	BR S	6	((("6434291" "6327280" "6275623" "6154590" "5805759" "5598294" "5408481").pn.) and spectral	USPAT	2002/08/27 18:46			0
18	BR S	2	((("6434291" "6327280" "6275623" "6154590" "5805759" "5598294" "5408481").pn.) and (spectral same circulat\$4)	USPAT	2002/08/28 15:44			0
19	BR S	0	((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and (((diffract\$5 near3 grat\$3) same ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4))) ((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3))	EPO; JPO	2002/08/28 12:08			0
20	BR S	0	((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3)) and (mirror micromirror mirror micro-mirror reflect\$3)	EPO; JPO	2002/08/28 10:47			0
21	BR S	7	("6434291" "6327280" "6275623" "6154590" "5805759" "5598294" "5408481").pn.	USPAT	2002/08/28 12:05			0
22	BR S	1	((("6434291" "6327280" "6275623" "6154590" "5805759" "5598294" "5408481").pn.) and (liquid near5 crystal\$5)	USPAT	2002/08/28 10:50			0
23	BR S	1	((("6434291" "6327280" "6275623" "6154590" "5805759" "5598294" "5408481").pn.) and (liquid near5 crystal\$5)) and ((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3))	USPAT	2002/08/28 11:08			0
24	BR S	1	6275623.pn. and (spatial spectral bandwidth diffract\$4)	USPAT	2002/08/28 12:09			0
25	BR S	1	6275623.pn. and (spatial saame (spectral bandwidth diffract\$4))	USPAT	2002/08/28 12:10			0
26	BR S	0	6275623.pn. and (spatial same spectral same bandwidth same diffract\$4)	USPAT	2002/08/28 12:10			0
27	BR S	1	6275623.pn. and (spatial same spectral same (bandwidth diffract\$4))	USPAT	2002/08/28 12:11			0
28	BR S	0	((("6434291" "6327280" "6275623" "6154590" "5805759" "5598294" "5408481").pn.) and (polymer\$2)	USPAT	2002/08/28 15:45			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Errors
29	BR S	0	((("6434291" "6327280" "6275623" "6154590" "5805759" "5598294" "5408481").pn.) and polymer\$4	USPAT	2002/08/28 15:45		0
30	BR S	12	("6434291" "6327280" "6275623" "6154590" "5805759" "5598294" "5408481" "6289699" "6148128" "6141470" "6055348" "5805751").pn.	USPAT	2002/08/28 15:50		0
31	BR S	0	((("6434291" "6327280" "6275623" "6154590" "5805759" "5598294" "5408481" "6289699" "6148128" "6141470" "6055348" "5805751").pn.) and polymer\$5	USPAT	2002/08/28 15:50		0
32	BR S	0	((((gain\$1 same (equaliz\$3 flat\$6) same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3))) and (polymer\$3)	USPAT	2002/08/28 15:55		0
33	BR S	5	((((gain\$1 same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3))) and (polymer\$3)	USPAT	2002/08/28 16:00		0
34	BR S	0	((((gain\$1 same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3))) and (polymer\$3)) and nematic	USPAT	2002/08/28 15:57		0
35	BR S	5	((((gain\$1 same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3))) and (polymer\$3)) and mirror\$1	USPAT	2002/08/28 15:57		0
36	BR S	4	((((gain\$1 same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3))) and (polymer\$3)) and spectral	USPAT	2002/08/28 15:59		0
37	BR S	0	((((gain\$1 same filter\$3) ((DGE DGF) near7 filter\$3)) and circulat\$4 and ((diffract\$5 near3 grat\$3))) and (polymer\$3)) and mems	USPAT	2002/08/28 15:59		0
38	BR S	1	((((gain\$1 same filter\$3) ((DGE DGF) near7 filter\$3)) and ((diffract\$5 near3 grat\$3))) and (polymer\$3) and mems	USPAT	2002/08/28 16:00		0
39	BR S	1	6275623.pn.	USPAT	2003/04/25 13:19		0
40	BR S	1	6275623.pn. and (((each individdual) near4 (wavelength\$1 beam\$1 \$3beam \$3beams)) ((control\$4 equaliz\$4) near7 (light beam\$1 wavelength\$1)))	USPAT	2003/01/13 11:05		0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
41	BR S	1	(6275623.pn. and (((each individual) near4 (wavelength\$1 beam\$1 \$3beam \$3beams)) ((control\$4 equaliz\$4) near7 (light beam\$1 wavelength\$1)))) and (grating refract\$4 incident lines defract\$4)	USPAT	2003/01/13 11:07			0
42	BR S	1	6275623.pn.	USPAT	2003/04/25 13:19			0
43	BR S	1	6275623.pn. and (discret\$3 grating control\$4)	USPAT	2003/04/25 13:22			0
44	BR S	13	((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF) near7 filter\$3)) and (((diffract\$5 near3 grat\$3) same ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4))) (((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF) near7 filter\$3)) and ((diffract\$5 near3 grat\$3))) and mirror	USPAT	2004/03/02 15:31			0
45	BR S	0	((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF) near7 filter\$3)) and (((diffract\$5 near3 grat\$3) same ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4))) (((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF) near7 filter\$3)) and ((diffract\$5 near3 grat\$3))) and mirror) and ((liquid near1 crystal\$1) mems)	USPAT; US-PGP UB	2003/06/20 18:02			0
46	BR S	13	((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF) near7 filter\$3)) and (((diffract\$5 near3 grat\$3) same ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4))) (((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF) near7 filter\$3)) and ((diffract\$5 near3 grat\$3))) and mirror) and ((diffraction\$4 near1 grating\$1) dg)	USPAT; US-PGP UB	2003/06/23 11:35			0
47	BR S	5	((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF) near7 filter\$3)) and (((diffract\$5 near3 grat\$3) same ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4))) (((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF) near7 filter\$3)) and ((diffract\$5 near3 grat\$3))) and mirror) and ((diffraction\$4 near1 grating\$1) dg)) and focal\$2	USPAT; US-PGP UB	2003/06/25 18:19			0
48	BR S	42	((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF grating) near7 filter\$3)) and (fold\$3 near2 (mirror micromirror))	USPAT	2003/06/23 16:16			0
49	BR S	24	((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF grating) near7 filter\$3)) and (fold\$3 near2 (mirror micromirror))) and ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))	USPAT; US-PGP UB	2003/06/23 11:36			0
50	BR S	10	((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF grating) near7 filter\$3)) and (fold\$3 near2 (mirror micromirror))) and ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))) and (focal)	USPAT; US-PGP UB	2003/06/23 11:47			0
51	BR S	6	((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF grating) near7 filter\$3)) and (fold\$3 near2 (mirror micromirror))) and circulat\$4	USPAT; US-PGP UB	2003/06/23 11:48			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Errors
52	BR S	6	((((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF grating) near7 filter\$3)) and (fold\$3 near2 (mirror micromirror))) and circulat\$4) and focal	USPAT; US-PGP UB	2003/06/23 11:48		0
53	BR S	1	6327280.pn.	USPAT; US-PGP UB	2003/06/23 14:30		0
54	BR S	1	6275623.pn.	USPAT; US-PGP UB	2003/06/23 14:18		0
55	BR S	8	((((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF grating) near7 filter\$3)) and (fold\$3 near2 (mirror micromirror))) and ((dispers\$4 grating) near3 concav\$3)	USPAT; US-PGP UB	2003/06/23 14:19		0
56	BR S	0	6327280.pn. and (liquid near2 cryst\$3)	USPAT; US-PGP UB	2003/06/23 14:31		0
57	BR S	1	6275623.pn. and (liquid near2 cryst\$3)	USPAT; US-PGP UB	2003/06/23 14:31		0
58	BR S	1316	aberration near6 (adjust\$4 correct\$4) near7 concave near6 grating near5 concave	USPAT; US-PGP UB	2003/06/23 15:17		0
59	BR S	0	aberration near6 (adjust\$4 correct\$4) near7 concave near6 grating near5 concave and (gain near1 equaliz\$4)	USPAT; US-PGP UB	2003/06/23 15:19		0
60	BR S	18	aberration near6 (adjust\$4 correct\$4) near7 concave near6 grating near5 concave	USPAT; US-PGP UB	2003/06/23 15:21		0
61	BR S	0	((aberration near6 (adjust\$4 correct\$4) near7 concave near6 grating near5 concave) and filter\$3) and gain	USPAT; US-PGP UB	2003/06/23 15:19		0
62	BR S	10	(aberration near6 (adjust\$4 correct\$4) near7 concave near6 grating near5 concave) and filter\$3	USPAT; US-PGP UB	2003/06/23 15:22		0
63	BR S	13	aberration near6 (adjust\$4 correct\$4) near7 concave near6 grating near5 concave near7 diffract\$4	USPAT; US-PGP UB	2003/06/23 15:22		0
64	BR S	7	(aberration near6 (adjust\$4 correct\$4) near7 concave near6 grating near5 concave near7 diffract\$4) and filter\$3	USPAT; US-PGP UB	2003/06/23 15:34		0
65	BR S	12	((((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF grating) near7 filter\$3)) and (fold\$3 near2 (mirror micromirror))) and ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))) and concave	USPAT; US-PGP UB	2003/06/23 15:42		0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Errors	Errors
66	BR S	0	((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF grating) near7 filter\$3)) and (fold\$3 near2 (mirror micromirror))) and (modulat\$4 near4 concave)	USPAT; US-PGP UB	2003/06/23 15:43			0
67	BR S	0	(gain near1 equaliz\$3) and (modulat\$4 near4 concave) same grating	USPAT; US-PGP UB	2003/06/23 15:44			0
68	BR S	0	(gain near1 equaliz\$3) and ((modulat\$4 near4 concave) same grating)	USPAT; US-PGP UB	2003/06/23 15:45			0
69	BR S	0	(gain near1 equaliz\$3) and (modulat\$4 near4 concave) and grating	USPAT; US-PGP UB	2003/06/23 15:45			0
70	BR S	0	(gain near1 equaliz\$3) and (modulat\$4 near4 concave) and grating	EPO; JPO; DERWEN T	2003/06/23 15:45			0
71	BR S	2	(filter) and ((modulat\$4 near4 concave) same grating)	USPAT; US-PGP UB	2003/06/23 15:46			0
72	BR S	0	((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF grating) near7 filter\$3)) and (fold\$3 near2 (mirror micromirror))) and ((liquid liquidcrystal\$3) near4 polymer\$1)	USPAT; US-PGP UB	2003/06/23 16:15			0
73	BR S	2	(gain\$1 near7 equaliz\$3) and (((liquid near1 crystal) liquidcrystal\$3) near4 polymer\$1) same modulat\$3)	USPAT	2003/06/23 16:24			0
74	BR S	2	(gain\$1 near7 equaliz\$3) and (((liquid near1 crystal) liquidcrystal\$3) near7 polymer\$1) same modulat\$3)	USPAT	2003/06/23 16:32			0
75	BR S	4	((tec (thermal\$4 near4 expand\$3 near4 core)) near7 fiber) and (gain near7 equaliz\$3)	USPAT; US-PGP UB	2003/06/23 18:21			0
76	BR S	1	6275623.pn. and (control\$3 same grating)	USPAT; US-PGP UB	2003/12/31 18:30			0
77	BR S	1	6275623.pn. and ((control\$3 same ('40' grating)) (grating near7 (correct\$4 adjust\$3 modif\$7 chang\$5)))	USPAT; US-PGP UB	2003/06/23 18:28			0
78	BR S	1	6275623.pn. and ((control\$4 same ('40' grating)) (grating near7 (correct\$4 adjust\$3 modif\$7 chang\$5)))	USPAT; US-PGP UB	2003/06/23 18:29			0
79	BR S	0	'Atkinson et al.'	USPAT; US-PGP UB	2003/06/25 18:19			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
80	BR S	906	Atkinson.in.	USPAT; US-PGP UB	2003/06/25 18:20			0
81	BR S	4	Atkinson.in. and fold\$3 near1 mirror same concave	USPAT; US-PGP UB	2003/06/25 18:20			0
82	BR S	1	6275623.pn.	USPAT; US-PGP UB	2004/01/02 15:22			0
83	BR S	1	6275623.pn.	USPAT; US-PGP UB	2004/01/02 15:37			0
84	BR S	1	'09818909'	USPAT; US-PGP UB	2004/01/02 15:37			0
85	BR S	0	'09818909' and (modulat\$5 same arrayE3 same conca\$4)	USPAT; US-PGP UB	2004/01/02 15:38			0
86	BR S	1	'09818909' and (modulat\$5 same array\$5 same conca\$4)	USPAT; US-PGP UB	2004/01/02 15:39			0
87	BR S	1	6275623.pn.	USPAT; US-PGP UB	2004/01/05 12:29			0
88	BR S	1	6275623.pn. and (grating) same (focus\$4 reflect\$4)	USPAT; US-PGP UB	2004/01/05 12:30			0
89	BR S	1	6275623.pn. and (grating) same (focus\$4 focal reflect\$4)	USPAT; US-PGP UB	2004/01/05 12:30			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Cor mm en ts	Er ro r De fi ni ti on	Errors
1	BRS	L1	74	((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF) near7 filter\$3)) and (((diffract\$5 near3 grat\$3) same ((light beam\$1) near7 (dispers\$4 diffus\$4 scatter\$4))) (concav\$2 near7 grat\$4))) (((gain\$1 same (equaliz\$3) same filter\$3) ((DGE DGF) near7 filter\$3)) and ((diffract\$5 near3 grat\$3))) and mirror	USPAT; US-PGPU B; EPO; JPO; DERWENT	20 04 /0 3/ 02 15 :3 3			0